



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

DOT-E 5022
(FOURTEENTH REVISION)

JUN 29 2000
400 Seventh St., S.W.
Washington, D.C. 20590

EXPIRATION DATE: February 28, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: U.S. Department of Defense (DOD)
Washington, DC
2. PURPOSE AND LIMITATION:
 - a. This exemption authorizes the transportation in commerce of certain Division 1.1, 1.2 and 1.3 explosives in temperature controlled equipment for transportation in commerce subject to the limitations and special requirements specified herein. This exemption provides no relief from any Hazardous Materials Regulation (HMR) other than as specifically stated herein.
 - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 174.101(1), § 174.112(a), and § 177.834(i)(1) in that rail cars or highway vehicles may be equipped with heating and refrigerating apparatus; and the requirements of § 174.104(d) are waived.
5. BASIS: This exemption is based on the applications of U.S. Department of Defense dated June 16, 2000 submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Rocket motors	1.1C	UN0280	II
Rocket motors	1.3C	UN0186	II
Rockets with expelling charge	1.2C	UN0436	II

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Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identifi- cation Number	Packing Group
Charges, propelling	1.1C	UN0271	II
Charges, propelling	1.1C	UN0272	II
Propellant, solid	1.3C	UN0499	II
Igniters	1.3G	UN0315	II
Rocket motors with hypergolic liquids	1.3L	UN0250	II

7. SAFETY CONTROL MEASURES:

a. Commodities identified in paragraph 6 above, properly packaged in accordance with the HMR, may be shipped in or on rail cars or highway vehicles equipped with heating and refrigerating apparatus operated by diesel or gasoline fuel. Any electrical apparatus in the lading space must be of non-sparking or explosion proof type. There may not be combustion apparatus in the lading space, and no connection for return of air from the lading space to any combustion apparatus. The heating system must be such that no part of the lading will be heated to over 130 degrees F. and must conform to § 393.77.

b. Shipments covered by this exemption are limited to those shipments for which control is required to assure proper functioning of the motors or devices, and is not being required to preclude a transportation hazard developing from instability.

c. When a temperature control apparatus is operated by generator engines, fuel tanks for the generators must conform to construction requirements of § 393.67, "Liquid fuel tanks". The fuel tank must be capable of passing without leakage a 30 foot drop test on one corner when filled with 1808 pounds of water which represent a capacity of 266 gallons of fuel. The tank will contain a relief valve sized to meet the requirements of § 393.67. The fuel tank will be physically located outside of the cargo carrier.

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8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. When transported by rail, the carrier is not required to meet the provisions required by § 174.104(d). Shipments may include trailer-on-flat-car service.

d. Shipments must be covered by government bills of lading or commercial bills of lading to be converted at destination to government bills of lading. Otherwise, any shipments made on commercial bills must be only for devices (covered by this exemption) that have been previously identified to the Office of Hazardous Materials Exemptions and Approvals (OHMEA).

e. The requirements of § 174.86 are hereby waived to allow placement of cars bearing "Explosives" placards two cars ahead of a car occupied by observers or escorts, with a non-placarded buffer car in between when the occupied car is equipped with lighted heaters or stoves.

f. Shipments by motor carrier are restricted to those carriers which have been specifically approved by Military Traffic Management Command (MTMC).

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle and rail freight.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

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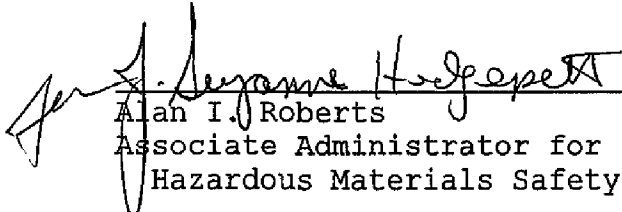
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:


Alan I. Roberts
Associate Administrator for
Hazardous Materials Safety

JUN 29 2000

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: CHH/sln

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The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

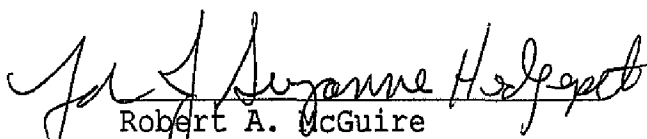
Company Name City/State	Applica- tion Date	Issue Date	Expiration Date
Alliant Ammunition & Powder Co. LLC Radford, VA	4/26/99	6/9/99	7/31/00
Alliant Conventional Munitions LLC Hopkins, MN	4/26/99	6/9/99	7/31/00
Alliant Defense Electronics Systems, Inc. Clearwater, FL	4/26/99	6/9/99	7/31/00
Alliant Defense Systems LLC Hopkins, MN	4/26/99	6/9/99	7/31/00
Alliant Holdings LLC Hopkins, MN	4/26/99	6/9/99	7/31/00
Alliant Integrated Defense Company LLC Hopkins, MN	4/26/99	6/9/99	7/31/00
Alliant International Holdings Inc. Hopkins, MN	4/26/99	6/9/99	7/31/00
Alliant Kilgore Flares Company LLC Toone, TN	4/26/99	6/9/99	7/31/00
Alliant Missile Products Company LLC Rocket Center, WV	5/8/00	6/1/2000	2/28/02
Alliant Precision Fuze Company LLC Janesville, WI	4/26/99	6/9/99	7/31/00

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Company Name City/State	Applica- tion Date	Issue Date	Expiration Date
Alliant Propulsion and Composites LLC Magna, UT	4/26/99	6/9/99	7/31/00
Alliant Southern Composites Company LLC Iuka, MS	4/26/99	6/9/99	7/31/00
Alliant Techsystems Inc. Hopkins, MN	6/09/98	8/26/98	7/31/00
Alliant Aerospace Co Magna, UT	4/26/99	6/9/99	7/31/00
Alliant Power Sources Company LLC Horsham, PA	4/26/99	6/9/99	7/31/00
Alliant Ammunition Systems Company LLC New Brighton, MN	1/4/00	2/16/00	7/31/00
Alliant Lake City Small Caliber Ammunition Company LLC Independence, MO	1/4/00	2/16/00	7/31/00
Alliant Aerospace Propulsion Company LLC Magna, UT	3/29/00	4/13/2000	2/28/02
Alliant Aerospace Composite Structures Company LLC Clearfield, UT	3/29/00	4/13/2000	2/28/02
Atlantic Research Corp. Gainesville, VA	5/1/00	6/1/2000	2/28/02
Bechtel Jacobs Co., LLC Oak Ridge, TN	5/27/98	8/5/98	7/31/00

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Company Name City/State	Applica- tion Date	Issue Date	Expiration Date
Boeing Space & Defense-ELS Huntington Beach, CA	6/3/98	8/5/98	7/31/00
The Boeing Co./Military Aircraft and Missile Systems Group Seattle, WA Former Grantee: The Boeing Co./ Information Space Defense Systems Group	3/22/00	4/13/2000	2/28/02
GenCorp Aerojet (Sacramento Operations) Sacramento, CA	4/19/00	JUN 29 2000	2/28/02
National Aeronautics and Space Admin. Washington, DC	1/27/00	3/9/00	2/28/02
Thiokol Corp., Elkton DLV Operations Elkton, MD	5/18/00	6/1/2000	2/28/02
New River Energetics, Inc. Radford, VA	4/26/99	6/9/99	7/31/00
United Technologies Corp./Chemical Systems Div. San Jose, CA	4/2/98	8/5/98	7/31/00
WESKEM, LLC Oak Ridge, TN	2/14/00	3/9/00	2/28/02
UT-Battelle, LLC Oak Ridge, TN	3/7/2000	3/28/00	2/28/02



Robert A. McGuire
Acting Associate Administrator for
Hazardous Materials Safety

5022

Facsimile Cover Sheet

To: Sherri Nelson
Company: DOT RSPA
Phone: 202 366 4512
Fax: 202 366 8700

From: Jameelah Shareef
Company: HQ MTMC
Phone: 703 681 6951
Fax: 703 681 3547

Date: 22 Jun 00
**Pages including this
cover page:** 3

Comments: Sherrie,

Request for Renewal letter DOT-E 5022.

Thanks,
Jameelah



REPLY TO
ATTENTION OF

Safety Branch

DEPARTMENT OF THE ARMY
HEADQUARTERS, MILITARY TRAFFIC MANAGEMENT COMMAND
5611 COLUMBIA PIKE
FALLS CHURCH, VA 22041-5050

15 JUN 2003



Chief, Exemptions and Approvals Branch
Office of Hazardous Materials Transportation
Research and Special Programs Administration
U.S. Department of Transportation
400 Seventh Street, SW.
Washington, DC 20590

Dear Madam,

In accordance with the provisions of Title 49, Code of Federal Regulations, Section 107.109, application is hereby made for renewal of Exemption Number DOT-E 5022 (Thirteenth Revision) on behalf of the Department of Defense (DOD) for a period of two years.

This exemption authorizes the transportation in commerce of certain 1.2, 1.2, and 1.3 explosives for transportation in commerce subject to the limitations and special requirements specified in exemption in temperature controlled equipment. This exemption provides no relief from any regulation other than as specifically stated in exemption.

DOT-E 5022 exempts 49 CFR Sections 1074.101(i), 174.112(a), and 177.834(i)(1) in that rail cars or highway vehicles may be equipped with heating and refrigerating apparatus; and the requirements of 174.104(d) are waived. Mode of transportation authorized under this exemption is motor vehicle and rail freight.

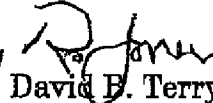
Hazardous materials description	HAZ Class/Div	ID#	PG
Rocket Motors	1.1C	0280	II
Rocket Motors	1.3C	0186	II
Rockets with expelling charge	1.2C	0436	II
Charges, propelling	1.1C	0271	II
Charges, propelling	1.1C	0272	II
Propellant, solid	1.3C	0499	II
Igniters	1.3G	0315	II
Rocket motors with hypergolic liquids	1.3L	0250	II

This certifies that the descriptions, technical information, safety assessments, submitted in the original application remain accurate and correct. During the period of this exemption, approximately 80 shipments were reported under the terms of this exemption. No accidents or incidents resulting in loss of product were encountered. We foresee a continuing need for this exemption and request renewal for a period of two years.

We recently became aware that this exemption was not submitted 60 days prior to the expiration date of July 31, 2000. We regret this oversight and ask for your assistance in expeditious processing of this request. We have notified our activities to discontinue use after expiration date until we receive renewal from your office.

This emergency renewal request is submitted by Jameelah T. Shareef, Office of the Assistant Deputy Chief of Staff for Force Protection Division; Headquarters, Military Traffic Management Command; Hoffman Building II; 200 Stovall Street; Alexandria, VA 22041-5050; telephone number (703) 428 2284.

Sincerely,



David B. Terry
Assistant Deputy Chief of Staff
for Operations, Operations

AEROJET

PO Box 13222
Sacramento, CA 95813-6000

April 19, 2000

Associate Administrator for Hazardous Materials Safety,
Research and Special Programs Administration
U. S. Department of Transportation
400 - Seventh Street S.W.
Washington, D C 20590

Attention Ms. Sherri Nelson
Exemptions Branch (DHM-31)

Subject Renewal of DOT-E5022

GenCorp Aerojet, Sacramento Operations respectfully requests renewal of DOT-E5022 Exemption. This Exemption authorizes the transportation in commerce of certain Division 1.1, 1.2, and 1.3 explosives, and provides no relief from any regulation other than as specifically stated

APPLICANT:	GenCorp Aerojet, Sacramento Operations
Mailing Address:	P O Box 13222 Sacramento, California 95813-6000
Attention	Liz Healy, Shipping Supervisor Building 20022, Dept 5396
Street Address:	Highway 50 and Aerojet Road Rancho Cordova, California 95670
Telephone	(916) 355-3131
Fax:	(916) 355-4647

CERTIFICATION: The Applicant Hereby:

"Certifies on behalf of (GenCorp Aerojet, Sacramento Operations) that the description, technical information and safety assessments submitted in the original application and all subsequent renewal requests remains accurate and correct."

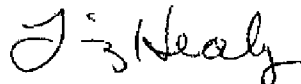
"Certifies that no accidents or loss of contents has occurred in conjunction with shipments made under the terms of the exemption since its issuance or most recent renewal."

"Certifies that shipping experience continues to be excellent, with no problems or incidents known to the applicant."

EXEMPTION USAGE: During the period from June 29, 1998 to April 19, 2000, our company used the exemption to support 14 rocket motor shipments, Arnold Air Force Station (1); Camp Navajo (5); Hill Air Force Base (8)

Should additional information be required, please contact the undersigned. Please address all correspondence to the attention of the undersigned. Thank you for your time and consideration.

Respectfully,



Liz Healy,
Shipping Supervisor
Tel (916) 355-3131
Fax (916) 355-4647

FACSIMILE TRANSMISSION COVERSHEET

TO: **Company:** Dept of Transportation **City/State:** Washington, DC
 Attention: Ms. Sherri Nelson **Department:** RSPA
 Date: 6/20/00 **Fax No.:** (202) 366-8700
FROM: **Dave Florek** **Department:** Shipping
 Project: **Shipment No.:**

SUBJECT: **DOT-E5022**

NUMBER OF PAGES INCLUDING COVER SHEET: 1

Sherri:

Thank you for your response this morning. As per your instructions, the following letter requests exemption renewal. If you have any questions, please contact me at (916) 355-5023. I'd be more than happy to Federal Express another hard copy of this if you so desire. Thank you for your assistance.

Dave Florek

AFTER TRANSMISSION:

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